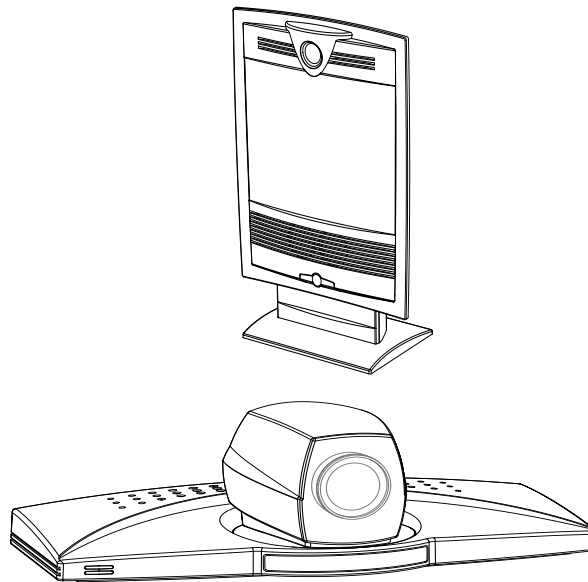


TANDBERG

**TANDBERG 1000
TANDBERG 550**

for Cisco® CallManager

User Manual



Software version H1/I1

D13293-02

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TANDBERG

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This document was written by the Technical Support Department of TANDBERG, Norway. We are committed to maintaining a high level of quality in all our documentation. Towards this effort, we welcome your comments and suggestions regarding the content and structure of this document. Please fax or mail your comments and suggestions to the attention of:

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Environmental Issues

Thank you for buying a product which contributes to a reduction in pollution and thereby helps save the environment.

Our products reduce the need for travel and transport and thereby reduce pollution.

Our products have either none or few consumable parts (chemicals, toner, gas, paper).

Our products are low energy consuming products.

Battery handling:

Batteries for the Remote Control are Long Life and Alkaline batteries saving the environment, please follow guidelines on the packing material for handling and disposal of the batteries.

Waste handling:

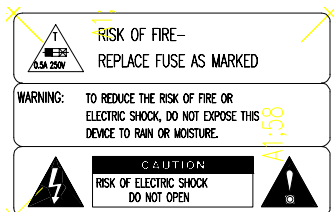
No need to send material back to TANDBERG as there are no consumables to take care of. Please contact your local dealer for information on recycling the product by sending the main parts of the product for disassembly at local electronic waste stations, marking recyclable parts so the waste station can disassemble and re-use these parts.

Production of products:

Our factories employ the most efficient environmental methods for reducing waste and pollution and ensuring the products are recyclable.

Operator Safety Summary

For your protection, please read these safety instructions completely before operating the equipment and keep this manual for future reference. The information in this summary is intended for operators. Carefully observe all warnings, precautions and instructions both on the apparatus and in the operating instructions.



Equipment Markings

The lightning flash symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltages” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.

The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions within literature accompanying the equipment.

Warnings

Water and moisture - Do not operate the equipment under or near water - for example near a bathtub, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool or in areas with high humidity.

Cleaning - Unplug the apparatus from the wall outlet before cleaning or polishing. Do not use liquid cleaners or aerosol cleaners. Use a lint-free cloth lightly moistened with water for cleaning the exterior of the apparatus.

Ventilation - Do not block any of the ventilation openings of the apparatus. Install in accordance with the installation instructions. Never cover the slots and openings with a cloth or other material. Never install the apparatus near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Grounding or Polarization - Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician.

Power-Cord Protection - Route the power cord so as to avoid it being walked on or pinched by items placed upon or against it, paying particular attention to the plugs, receptacles, and the point where the cord exits from the apparatus.

Attachments - Only use attachments as recommended by the manufacturer.

Accessories - Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Lightning - Unplug this apparatus during lightning storms or when unused for long periods of time.

ISDN cables - CAUTION - To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

Servicing - Do not attempt to service the apparatus yourself as opening or removing covers may expose you to dangerous voltages or other hazards, and will void the warranty. Refer all servicing to qualified service personnel.

Damaged Equipment - Unplug the apparatus from the outlet and refer servicing to qualified personnel under the following conditions:

When the power cord or plug is damaged or frayed

If liquid has been spilled or objects have fallen into the apparatus

If the apparatus has been exposed to rain or moisture

If the apparatus has been subjected to excessive shock by being dropped, or the cabinet has been damaged

If the apparatus fails to operate in accordance with the operating instructions

LCD Display

The TANDBERG 1000 is equipped with a high quality LCD display. Nevertheless, due to the complex production process and the high resolution with nearly 1,500,000 pixels, defect pixels may occur resulting in black pixels or bright dots of constant color red, green or blue. As for any other product with an LCD, these defect pixels are more or less visible depending on the nature of the picture. But since the LCD features an extra bright LCD allowing an unusual wide view angle range, bright dots may be more visible than for regular laptops. All units are subject to thorough inspection to ensure that the LCD is well within the quality guaranteed by the manufacturer SHARP.

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Introduction

This User Manual is provided to help you make the best use of your TANDBERG unit. The TANDBERG 550/1000 for Cisco CallManager offers superior audio and video quality in a fully-featured unit.

Application features

- Delivers the ultimate visual communication experience, with video quality developed by TANDBERG for business video applications
- Full range of Cisco IP telephony functions, including Directory and Call Control, as supported by the Cisco Call Manager
- Software upgradeable, to grow with the capabilities of the Cisco CallManager
- Includes XML applications which deliver a range of information services to the desk top
- Interoperability with ISDN networks via the Cisco CallManager gateway function

Performance features

- Bandwidth up to 768 kbps
- PC card slot for wireless LAN connection

TIP IN THIS GUIDE, WE'VE INCLUDED
HELPFUL TIPS AND NOTES. THEY APPEAR
LIKE THIS.

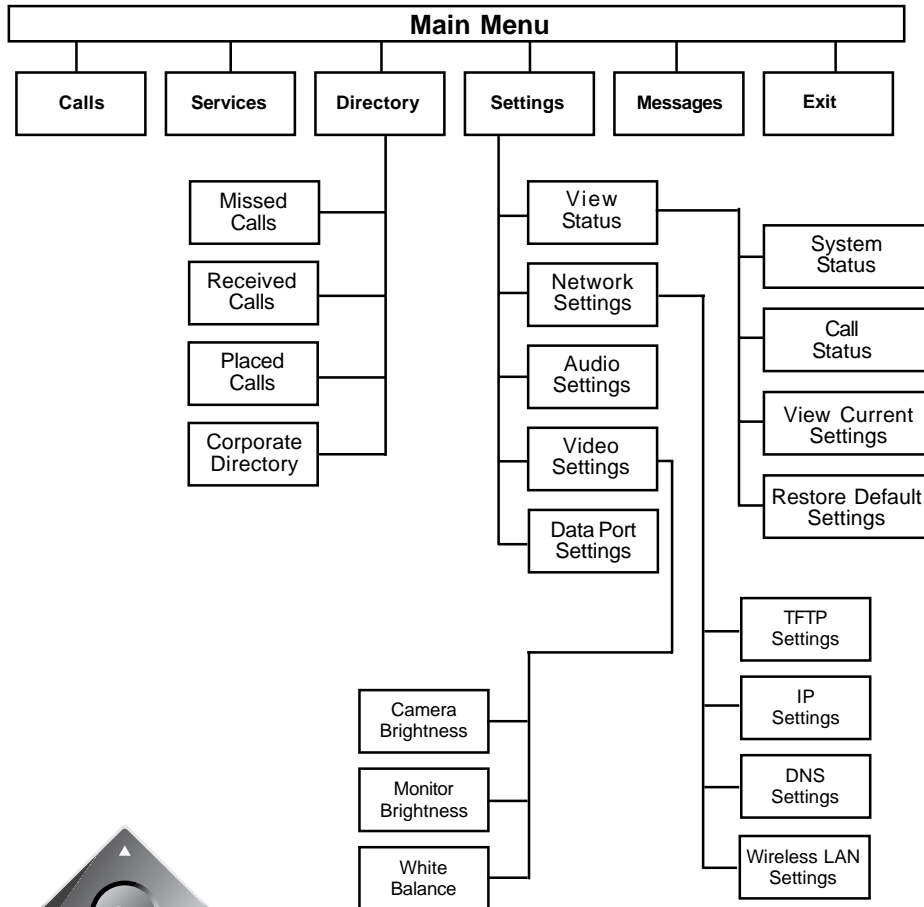
Menu structure

menu



The on-screen menu structure is shown below.

Press **MENU** to enter or leave the Main Menu.



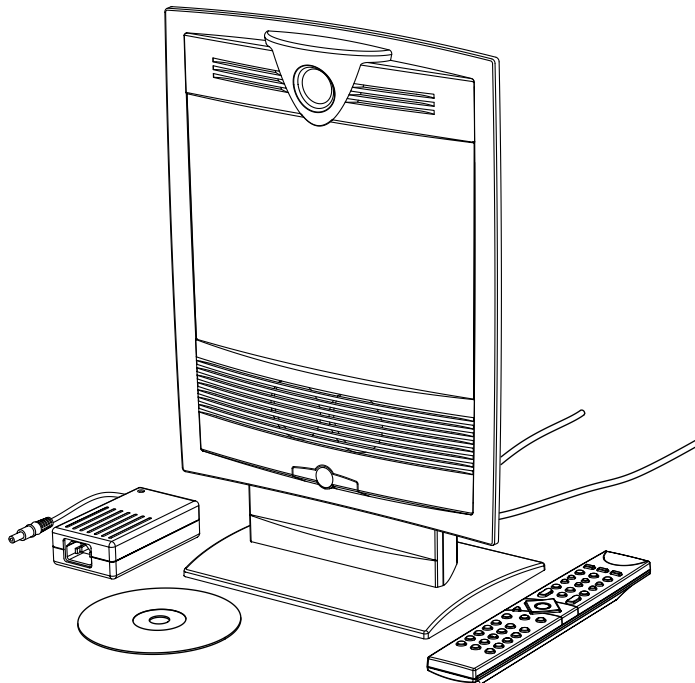
Press **UP/DOWN/LEFT/RIGHT** to navigate.
Press **OK** to select.

Installation

Precautions

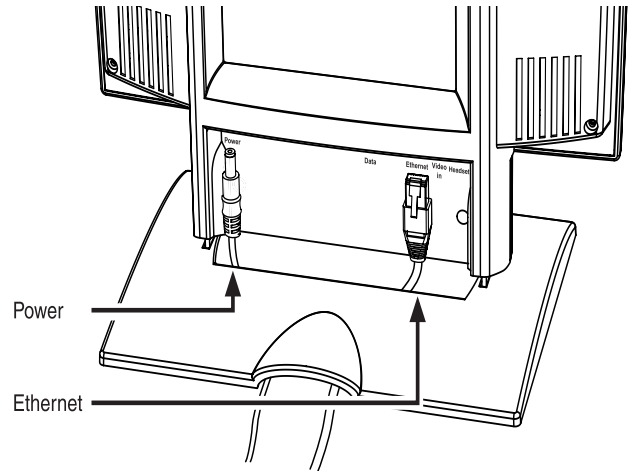
- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninstalled telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- The socket outlet shall be installed near to the equipment and shall be easily accessible.
- Never install cables without first switching the power OFF.
- 1TR6 network type is not approved for connection directly to the telecommunications network. This network type is only to be used behind a PABX.
- This product complies with directives: LVD 73/23/EC, EMC 89/366/EEC, R&TTE 99/5/EEC

Connecting Your TANDBERG 1000 for Cisco CallManager System



Power Cable

- Connect the power supply to the 'DC in' input on the system.
- Connect the power cable to the power supply.
- Connect the power cable to an electrical distribution socket.



LAN Cable

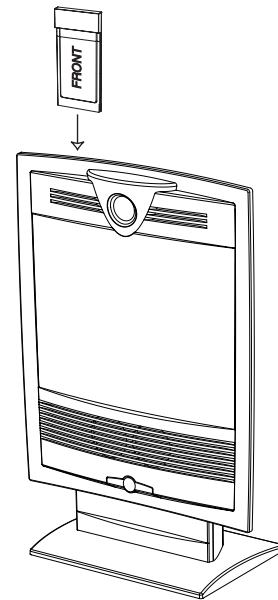
- Connect a LAN cable from the 'Ethernet' connector on the system to your LAN.

Wireless LAN - Insert PC Card

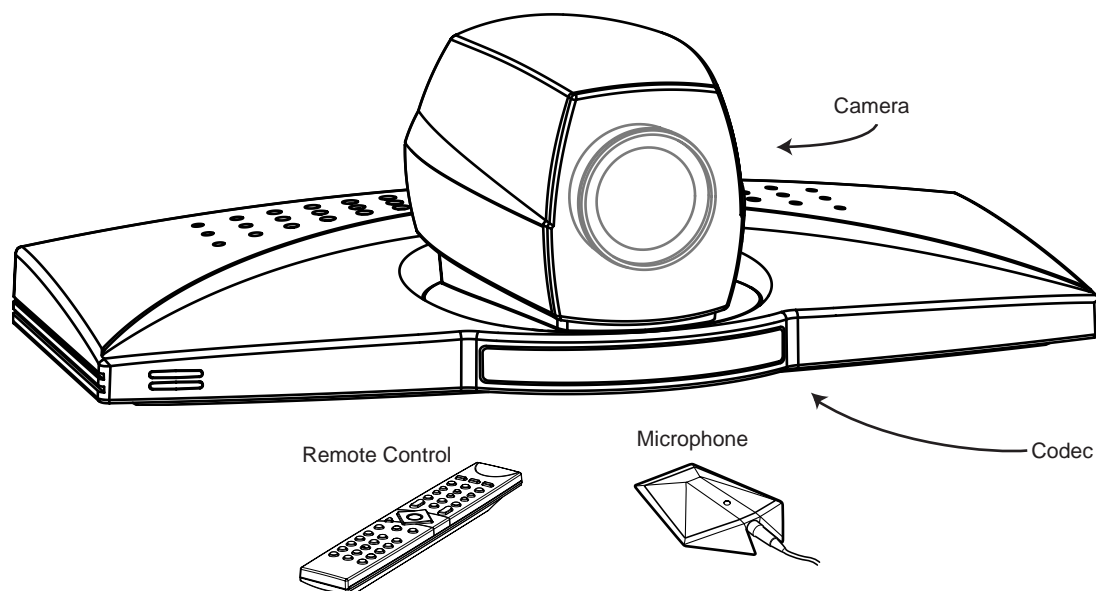
- Remove the “dummy” card by pressing the 'Eject' button next to the slot.
- Insert the Wireless LAN PC Card.

NOTE MAKE SURE YOU INSERT THE CARD IN THE RIGHT DIRECTION (SEE DRAWING). PUSH THE CARD INTO THE SLOT UNTIL THE 'EJECT' BUTTON POPS UP.

See 'Wireless LAN Settings' for configuration.



Connecting Your TANDBERG 550 for Cisco CallManager System



Microphone Cable

- Connect the microphone to the microphone cable.
- Connect the microphone cable to the microphone input on the TANDBERG 550 for Cisco CallManager.

Monitor Cable(s)

Scart (Europe):

- Connect the Scart adapter to one of the Scart connectors on your monitor.

Scart (Europe) & RCA/S-Video (US):

Audio:

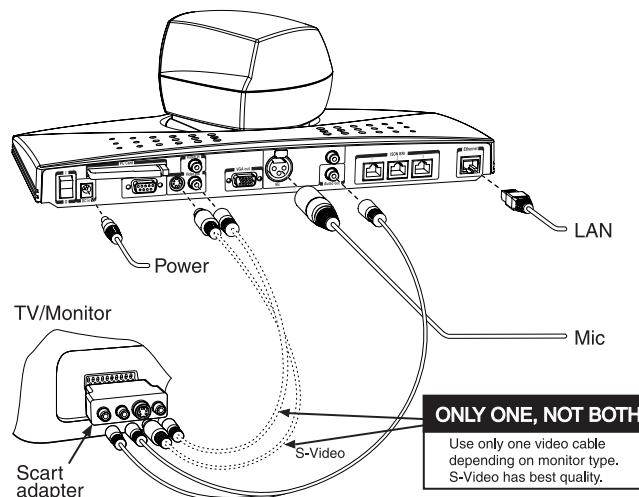
The cable with one RCA connector on one side and two RCA connectors on the other side:

- Connect the two RCA connectors to your monitor (or Scart adapter) Audio Left/Right connectors (the audio signal from the system is a monaural signal and therefore is fed into both audio-in sockets on the monitor).
- Connect the other end to 'Audio Out'.

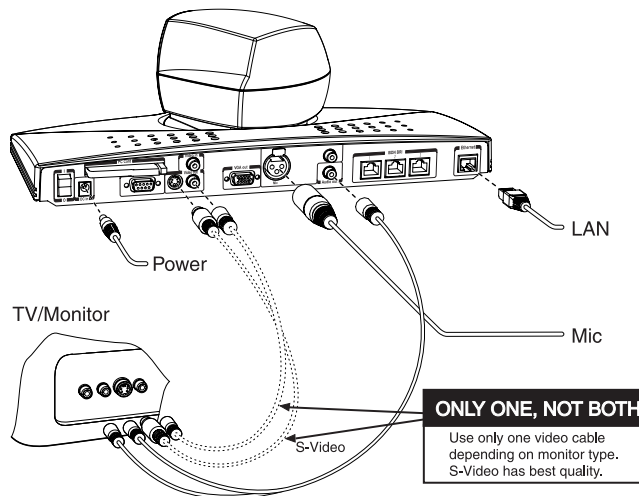
Video:

- Connect the S-video cable to the S-video connector on your monitor (or Scart adapter). If you do not have an S-video connector on your monitor, connect the RCA-RCA video cable to the RCA connector on your monitor.
- Connect the other end to 'Video Out'.

Connecting with Scart



Connecting without Scart



Power Cable

- Connect the power supply to the 'DC in' input on the system.
- Connect the power cable to the power supply.
- Connect the power cable to an electrical distribution socket.

LAN Cable

- To use the system on LAN, connect a LAN cable from the 'Ethernet' connector on the system to your LAN.

Wireless LAN - Insert PC Card

- Remove the "dummy" card by pressing the 'Eject' button next to the slot.
- Insert the Wireless LAN PC Card.

NOTE MAKE SURE YOU INSERT THE CARD IN THE RIGHT DIRECTION (WITH THE PRODUCT LOGO POINTING UPWARDS). PUSH THE CARD INTO THE SLOT UNTIL THE 'EJECT' BUTTON POPS UP.

See 'Wireless LAN Settings' for configuration.

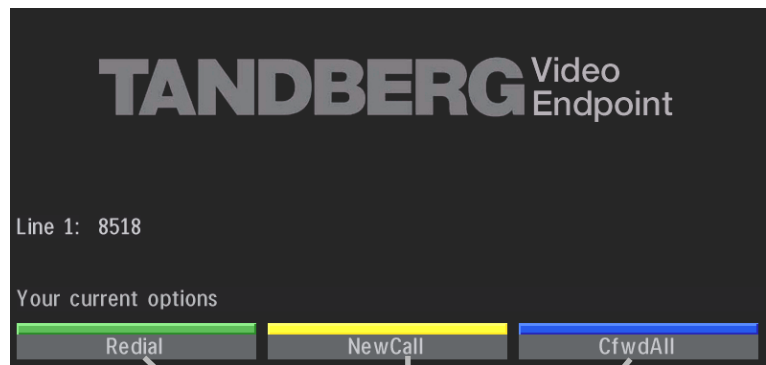
Getting Started

Before You Begin

Chances are, your system administrator or a technician will connect your new TANDBERG unit to the corporate IP network. If that is not the case, please make sure that the system administrator has registered your unit on the Cisco Call Manager.

Welcome Screen

When turning on your TANDBERG unit, the following screen will appear. This screen provide you with the telephone number(s) assigned to your unit.



Softbuttons

The three color-coded commands shown at the bottom of the screen are called softbuttons and correspond with the quick-keys on the remote control. This means that to make a call, you can press the yellow quick-key.

TIP IF THERE ARE MORE THAN THREE SOFTBUTTONS AVAILABLE, THERE WILL BE AN ARROW SYMBOL ON THE LEFT AND/OR RIGHT SIDE OF THE SOFTBUTTON SYMBOLS. USE THE LEFT AND RIGHT CURSOR BUTTONS ON THE REMOTE TO ACCESS THE OTHER SOFTKEYS.



Standby Mode

Your system will enter standby mode if unused for some time. In standby mode the screen will be dimmed. Pressing any key or picking up the remote control will wake up the system. An incoming call will also wake up the system.

Remote Control

The remote control is used to handle calls and to navigate the graphical user interface.



Quick keys

The three buttons on top of the remote control refer to the blocks at the bottom of the screen. The text inside the blocks will change depending on which menu is selected and the state of the call. The three Quick keys have different colors.

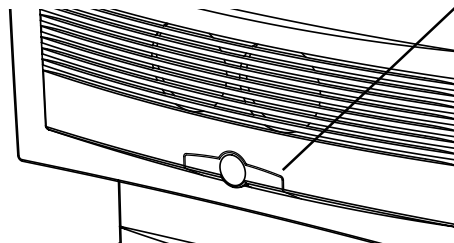
Camera control and menu navigation keys

Frequently used keys allowing you to control your own camera and the far end camera, control your volume, select and move self-view, switch your microphone off and navigate in the menu system.

Dialing keys

Used to make a call. The twelve number keys, (0-9), #, * operate in the same way as on a modern push-button telephone. These buttons are also used when entering a name into a text field.

On the T1000 for Cisco CallManager only



Push-button

The push-button in front of the system works as the CONNECT button during an incoming call.

When in a call, the button toggles the speaker on/off.

When the speaker is off, the audio is available on the headset output, marked '**Headset**', on the back of the system.

Handling Calls

Placing a Call

There are three ways to place a call:

- A. Use the **NewCall** softbutton. A dialing tone is heard and the desired number can be entered. To delete a digit, use the << soft-button. To cancel the number entry, use the **EndCall** softbutton or press **DISCONNECT**. When the required number of digits has been entered the call will proceed automatically.
- B. Just start entering the number using the number keys. No dialing tone will be heard in this case. To delete a digit use the <<. When the required number of digits has been entered press the **Dial** softbutton and the call will proceed.
- C. Press **CONNECT**. A dialing tone is heard and the desired number can be entered. To delete a digit, use the << soft-button. To cancel the number entry, use the **EndCall** softbutton or press **DISCONNECT**. When the required number of digits has been entered the call will proceed automatically.

NOTE USING THE **CONNECT** BUTTON ONLY WORKS FOR THE FIRST CALL MADE. IT WILL NOT WORK IF YOU ARE TRYING TO INITIATE A SECOND CALL WHILE HAVING ANOTHER CALL ON HOLD.

Answering a Call

connect



To answer a call, use the **Answer** softbutton or press **CONNECT**.

TIP ON T1000 FOR CISCO CALLMANAGER THE PUSHBUTTON AT THE FRONT OF THE SYSTEM CAN BE USED TO ANSWER

Ending a Call

disconnect



To end a call, use the **EndCall** softbutton or press **DISCONNECT**.

General Use

Adjusting Volume



Press the **VOLUME** keys to adjust the volume level. An on-screen indicator will show the current level.

View Outgoing Video (Selfview)

selfview



Press the **SELFVIEW** key to view your outgoing video.

To change the image being viewed on the monitor during a call press **SELFVIEW** once.

move pip



Press **MOVE PIP** to move your selfview as a Picture-in-Picture to different corners of the screen or to switch it off.

Microphone on/off

mic off



To mute your microphone, press **Mic OFF**. An on screen indicator will appear.

Press **Mic OFF** to activate the microphone again.

Speaker on/off

To switch off your speaker in a call, press the push-button at the front of the system. An indicator will appear. The headset output, marked '**Audio out**', on the back of the system will then provide the audio of the system. The push-button can also be used to accept a call.

On Screen Symbols

The system has a number of symbols signalling different settings.



Indicates that the volume is turned off on the system.



Indicates that the microphone is muted/turned off.



Indicates that there is one or more new voice mail messages pending.

Controlling the Camera

Moving / zooming Camera

To control the Camera use the keys below:



for pan/tilt and



for zooming.

NOTE THE TANDBERG 1000 FOR CISCO CALLMANAGER CAMERA IS EQUIPPED WITH DIGITAL ZOOM. WHEN YOU ZOOM IN, THE RESOLUTION OF THE IMAGE WILL DECREASE, SOMETIMES CAUSING THE SELFVIEW IMAGE TO LOOK A BIT UNSHARP. THIS EFFECT HOWEVER WILL HARDLY BE NOTICEABLE ON THE RECEIVED IMAGE AT THE FAR END.

Advanced Use

Main Menu

menu



The menu system can be used to select available functions and utilities for the system.

To enter the menu system and the main menu, press the **MENU** key. You may leave the menu system at any time by pressing the **MENU** key.

Main Menu	Lines	Speed Dials
Calls	1: 8518	3: My contact 1
Services	2: 8519	4: My contact 2
Directory		5: My contact 3
Settings		6: My contact 4
Messages		
Exit Menu		

Calls	Directory	Sleep Mode
-------	-----------	------------

TIP A MENU STRUCTURE MAP IS PROVIDED IN THE SECTION 'MENU STRUCTURE'

NOTE IF NO SPEED DIALS ARE ASSIGNED TO YOUR UNIT THE COLUMN MARKED 'SPEED DIALS' WILL NOT BE SHOWN. SIMILARLY, IF A SECOND EXTENSION NUMBER IS NOT ASSIGNED TO YOUR UNIT, THE COLUMN NAMED 'LINES' WILL NOT BE DISPLAYED.

The items shown under the 'Main Menu' column will be explained in more detail over the next pages.

The softbuttons available under the Main Menu window are **Calls**, **Directory** and **Sleep Mode**. **Calls** and **Directory** are explained in more detail later. **Sleep Mode** gives you the choice to put the unit in sleep mode now, in 60 minutes or in three hours.

Lines

The extension numbers assigned to your unit are shown under the 'Lines' column. To dial from one of your multiple lines, press the number on the remote key pad that corresponds with your desired extension and dial the number you want to reach.

Speed Dials

You can assign up to four speed dials on your unit. To use the speed dial just press the number on the remote key pad that corresponds to the number you want to reach.

TIP INSTEAD OF USING THE NUMBER KEYS TO ACCESS THE LINES OR SPEED DIALS YOU CAN HIGHLIGHT THE DESIRED FIELD USING THE NAVIGATION KEYS ON THE REMOTE CONTROL AND THEN PRESS **Ok**.

Calls

The calls menu shows the state of the current calls. If you are in multiple calls, use the up/down navigation keys on the remote to 'select' a call. The three softbuttons on the screen will change according to the state the selected call is in.

TIP THE CALLS MENU WILL AUTOMATICALLY POP UP ON THE SCREEN WHENEVER YOU GRAB THE REMOTE CONTROL AND MOVE IT.

Placing a Call on Hold

Press the **Hold** softbutton.

NOTE ENGAGING THE HOLD FEATURE GENERATES MUSIC. FOR THIS REASON, AVOID PUTTING A CONFERENCE CALL ON HOLD.

Resuming a Call on Hold

Press the **Resume** softbutton.

Transferring a Call to Another Extension

Follow these steps to transfer a call to another extension:

1. During a call, press the **Transfer** softbutton. This puts the call on hold.
2. Dial the number to which you want to transfer the call.
3. When it rings on the other end, press **Transfer** again. Or, when the party answers announce the call and then press **Transfer**.
4. Now the call is transferred and the call is ended. If the party refuses the call, press the **Resume** softbutton to return to the original call.

Redialing the Last Number Dialed

To redial the most recently dialed number, press the **Redial** softbutton.

To redial a number from a line other than your primary line, select the desired line and then press **Redial**.

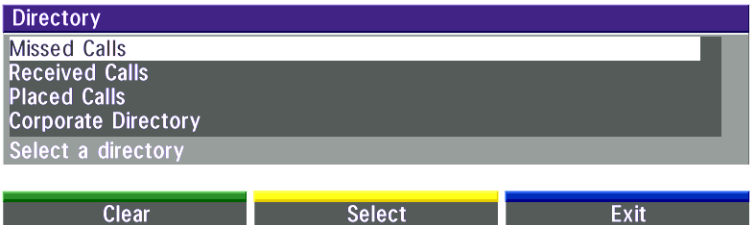
Services

Selecting this menu enables you to access information services, such as weather, stock quotes and other services available at your company. Use the navigaion keys to select the desired service and press the **Select** softbutton to enter the service.

NOTE BEFORE ACCESSING THESE SERVICES, YOUR SYSTEM ADMINISTRATOR MUST CUSTOMIZE THEM AND MAKE THEM AVAILABLE TO YOU. ADDITIONALLY, YOU MUST SUBSCRIBE TO THE SERVICES THAT YOU WANT TO APPEAR ON YOUR PHONE.

Directory

On this menu page you can see records of calls that you have placed, received and missed by selecting the appropriate menu. In addition, you can search through the corporate or personal phone directory.



TIP YOU CAN ACCESS THIS MENU DIRECTLY USING THE **DIRECTORIES** BUTTON ON THE REMOTE CONTROL.

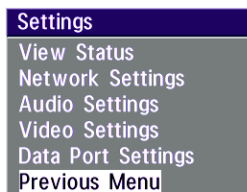
To place a call from any directory, use the navigation keys on the remote to select the record, then press the **Dial** softbutton.

NOTE YOU MIGHT NEED TO USE THE **EDITDIAL** SOFTBUTTON TO ADD DIGITS TO THE FRONT OF THE NUMBER IF FOR EXAMPLE, THE CALL WAS AN OUTSIDE, LONG-DISTANCE CALL.

Settings

The Settings menu holds the following sub-menus:

View Status, Network Settings, Audio Settings, Video Settings and Data Port Settings.



NOTE THE NETWORK SETTINGS MENU MAY NOT BE AVAILABLE TO YOU. THE SYSTEM ADMINISTRATOR CAN DISABLE THIS MENU FROM BEING SHOWN ON YOUR SYSTEM.



View Status

In this menu you retrieve information about the system, such as the call status and the current settings. In addition you can restore all settings back to factory defaults.



System Status

In the system status menu you find information such as:

- IP address of your unit.
- IP-subnet mask
- Gateway
- DHCP server
- DNS domain name
- Current software version
- TFTP server address
- Active and backup call managers.
- URLs for Information, Directories, Messages and Services
- Serial number of your unit
- MAC-address of your unit
- Ethernet speed



TIP USE THE **Up** AND **Down** NAVIGATION KEYS ON THE REMOTE CONTROL TO SCROLL UP AND DOWN PAGES IN THE MENU

Call Status

In the Call Status menu, various information about the current call is shown. The information is given both for the transmit and receive direction. The picture below shows a sample output from this menu.

Calls: Video	Transmit	Receive
System Name: 8556		
Call rate (kbps)	384.0	448.0
Video protocol	H263	H263
Audio protocol	G711	G711
Video format	CIF	CIF
Video rate (kbps)	184.0	84.0
Audio rate (kbps)	64.0	64.0
Packet loss (%)	0.0	0.0

Back

View Current Settings

To show the settings currently used, enter the View Current Settings menu. Here you will find the current configuration for:

- IP
- TFTP
- DNS
- Audio
- Video
- Data Port



TIP

USE THE **Up** AND **Down** NAVIGATION KEYS ON THE REMOTE CONTROL TO SCROLL UP AND DOWN PAGES IN THE MENU

Restore Default Settings

You may restore system settings to the factory default using this function.

NOTE THIS FUNCTION WILL RESTORE THE FOLLOWING SETTINGS TO DEFAULT VALUE: IP, TFTP, DNS, AUDIO, VIDEO AND DATA PORT. YOUR UNIT WILL RE-START AFTER YOU HAVE CONFIRMED THAT YOU WANT TO RESTORE THE SETTINGS.

Network Settings

The network settings menu enables you to configure IP, TFTP, wireless LAN and DNS.

Network Settings

IP Settings

Wireless LAN Settings

TFTP Settings

DNS Settings

Previous Menu

Back

NOTE THE WIRELESS LAN SETTINGS MENU MAY NOT BE AVAILABLE. THIS DEPENDS ON WHETHER YOUR UNIT HAS A WIRELESS LAN CARD SLOT OR NOT.

NOTE YOU SHOULD NOT CHANGE ANY NETWORK SETTINGS WITHOUT CONFIRMING THIS WITH YOUR SYSTEM ADMINISTRATOR. INCORRECT NETWORK CONFIGURATION MAY CAUSE MALFUNCTION IN YOUR UNIT.

IP Settings

IP Settings

IP-assignment

IP-address

IP-subnet mask

Gateway

Ethernet Speed

Password

Previous Menu

☐ DHCP

☐ Static

10

47

8

10

255

255

248

0

10

47

8

1

☐ 10/Half

☐ 10/Full

☐ 100/Half

☐ 100/Full

☐ Auto

Reset

Back

NOTE CHANGES IN THIS MENU WILL NOT HAVE ANY EFFECT BEFORE THE SYSTEM IS RESTARTED.

IP-assignment

DHCP (Dynamic Host Configuration Protocol) can be selected when a DHCP server is present.

DHCP: IP-address, IP-subnet mask and Gateway are not used because these parameters are assigned by the DHCP server.

Static: The unit's IP-address and IP-subnet mask must be specified in the IP-address field.

IP-address

IP-address defines the network address of the codec. This address is only used in static mode. In DHCP-mode, the assigned IP-address can be found on the View Status menu

IP-subnet mask

IP-subnet mask defines the type of network. This address is only used in static mode. Your system administrator will provide the correct value for this field.

Gateway

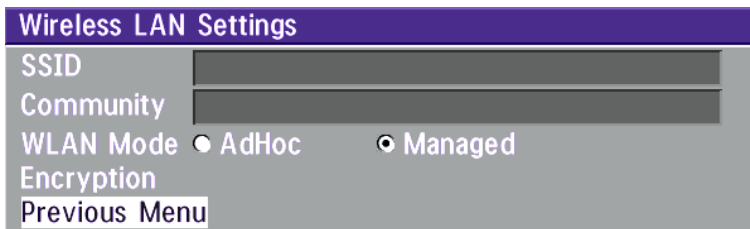
When using DHCP, the default gateway will be set automatically. If the LAN utilizes static IP addresses, IP address, subnet mask, and default gateway must be specified by the LAN administrator.

Ethernet Speed

Auto	The codec will auto-detect the speed/duplex on the LAN.
10/Half	The codec will connect to the LAN using 10Mbps speed/Half Duplex.
10/Full	10 Mbps speed/Full Duplex.
100/Half	100 Mbps speed/Half Duplex.
100/Full	100 Mbps speed/Full Duplex.

Restart

Pressing the **Restart** softbutton will restart your system. If IP-assignment is changed, it is sufficient to use this softbutton to restart the system.

Wireless LAN Settings


The image shows a configuration screen titled "Wireless LAN Settings". It contains the following fields and options:

- SSID**: A text input field.
- Community**: A text input field.
- WLAN Mode**: Two radio button options: ☐ AdHoc and ☒ Managed.
- Encryption**: A text input field.
- Previous Menu**: A button at the bottom left.

SSID (Service Set Identification)

Example "WLANNETWORK". Defines a local network id for this wireless region. It must be the same for all end points and the access point. An endpoint will find the access point if the SSID is correct, however, if the encryption key is faulty, it will not transmit any data.

Community (optional)

Community can be used when connecting to an access point where the SSID is the same. Example "Unit2".

WLAN Mode

AdHoc: Used when **not** communicating with an access point.

Managed: Used when communication is made through an access point.

Restart

Make sure the corresponding settings are programmed into the access point. Press **Restart** to activate the settings.

Required cards

- Compaq WL110 11 Mbps Wireless LAN
- Lucent Orinoco 11 Mbit/s SILVER
- Lucent Orinoco 11 Mbit/s GOLD
- Cisco Aironet 350 series (AIR-PCM 350 series)
- Enterasys Networks RoamAbout 802.11 DS High Rate
- Melco Buffalo WLI-PCM-L11G

Recommended access point

- Compaq WL410 base station

NOTE THE PC CARD/PCMCIA-CARD USED MUST COMPLY WITH THE RELEVANT REGULATIONS FOR SUCH CARDS IN THE COUNTRY WHERE IT IS USED. THE UNIT MUST BE SUPPLIED BY POWER SUPPLY (AC-DC ADAPTER) POWERBox SPN-460-12, WHICH COMPLIES WITH THE REQUIREMENTS FOR LIMITED POWER SOURCE ACCORDING TO IEC/EN 60950

TFTP Settings

TFTP Settings				
Alternate TFTP Server	<input checked="" type="radio"/> Yes		<input type="radio"/> No	
Primary TFTP Server	10	0	0	79
Backup TFTP Server	0	0	0	0
Previous Menu				

Reset

Back

Alternate TFTP Server

To use an alternate TFTP server, select “Yes”. If alternate TFTP server is not be used, select “No”. In this case the IP address fields will be disabled.

Primary TFTP Server

Enter the IP address of your TFTP server.

Backup TFTP Server

Optionally you can enter the IP address of a second server in this field.

DNS Settings

DNS Settings				
DNS Server 1	10	0	0	10
DNS Server 2	0	0	0	0
DNS Server 3	0	0	0	0
DNS Server 4	0	0	0	0
DNS Server 5	0	0	0	0
DNS domain name	lysaker.tandberg.net			
Previous Menu				

Reset

Back

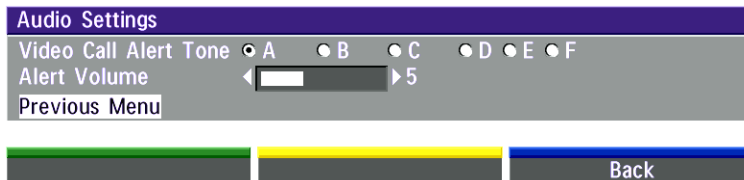
NOTE IF 'DHCP' IS USED IN THE IP SETTINGS, THE DNS SETTINGS MENU WILL BE DISABLED.

Up to five DNS (Dynamic Name Server) can be configured. The minimum required is one.

In addition, a DNS domain name must be provided.

Audio Settings

Video Call Alert Tone / Alert Volume



Different ringing tones may be selected. You may also select different volume levels for the ringing tone.

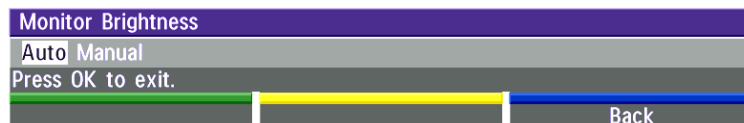
Video Settings

Camera Brightness



To manually adjust the camera brightness select **Manual** and use the arrow keys to adjust. Select **Auto** to have automatic brightness adjustment.

Monitor Brightness



To manually adjust the monitor brightness select **Manual** and use the arrow keys to adjust. Select **Auto** to have automatic brightness adjustment.

Whitebalance



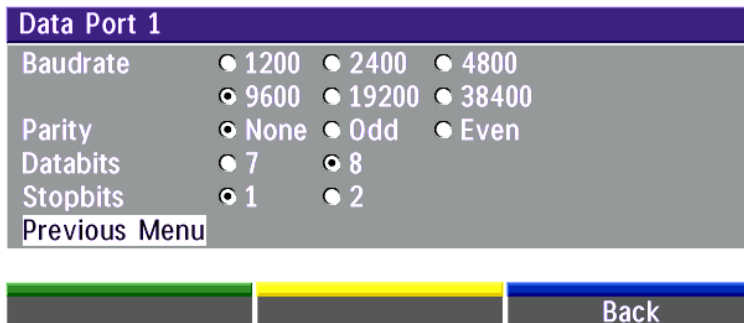
To manually adjust the whitebalance select **Manual** and use the arrow keys to adjust. Select **Auto** to have automatic whitebalance adjustment.

Data Port Settings

The system provides one standard RS232 serial port to allow a computer to be connected for data transfer and control purposes.

TIP WHEN CONNECTING TO A PC THE CONNECTING CABLE *MUST* BE A STRAIGHT THROUGH RS232 CABLE.

If you wish to connect a PC to the Dataport, you must ensure that the PC and the system are identically configured. The available settings are:



Messages

If there is a new message waiting to be played back, you can access this using the Messages menu. If no messages are waiting, there will be no response activating this menu.



TIP THE SYMBOL ON THE LEFT INDICATES THAT THERE ARE NEW MESSAGES PENDING.

Peripheral Equipment

This chapter will explain how to connect peripheral equipment to your system, such as computers and headsets.

T1000 for Cisco CallManager Peripheral Equipment

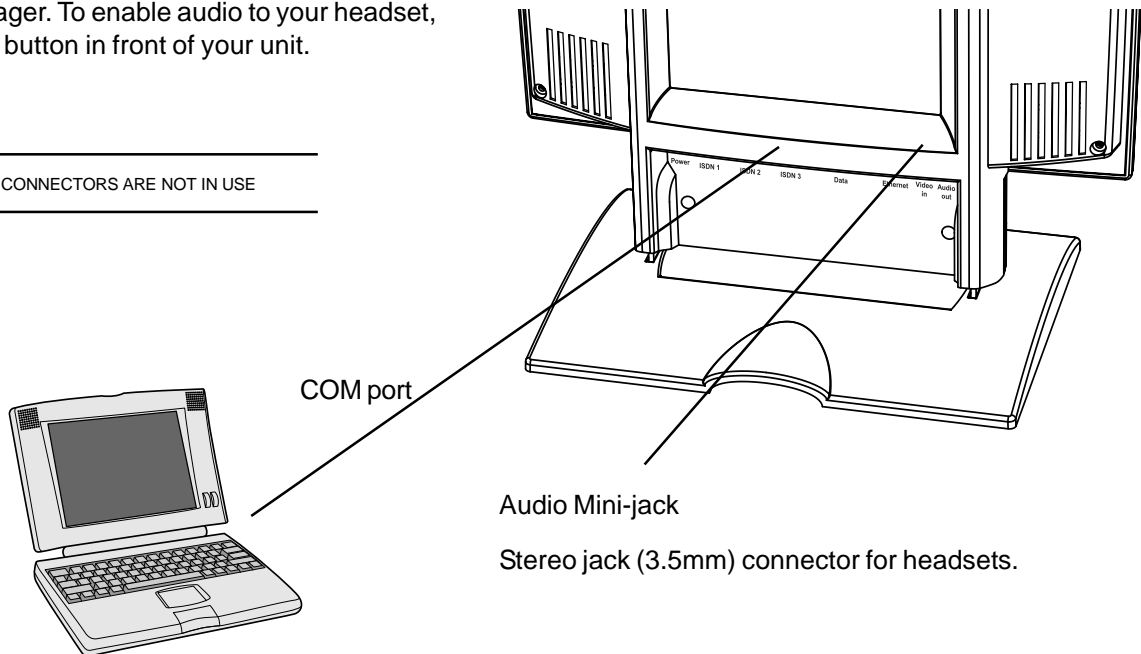
PC-interface (serial cable)

A PC can be connected to your T1000 for Cisco CallManager using a serial cable. This enables you to interact with the unit using data port commands. (This is also possible over LAN, using telnet). The available commands are specified in a separate document. See the illustration below on how to connect.

Headset Interface

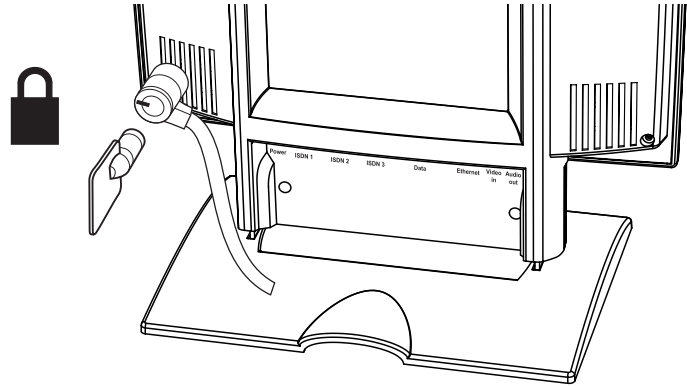
It is possible to use a headset with your T1000 for Cisco CallManager. To enable audio to your headset, press the large button in front of your unit.

NOTE THE ISDN CONNECTORS ARE NOT IN USE



Kensington Lock

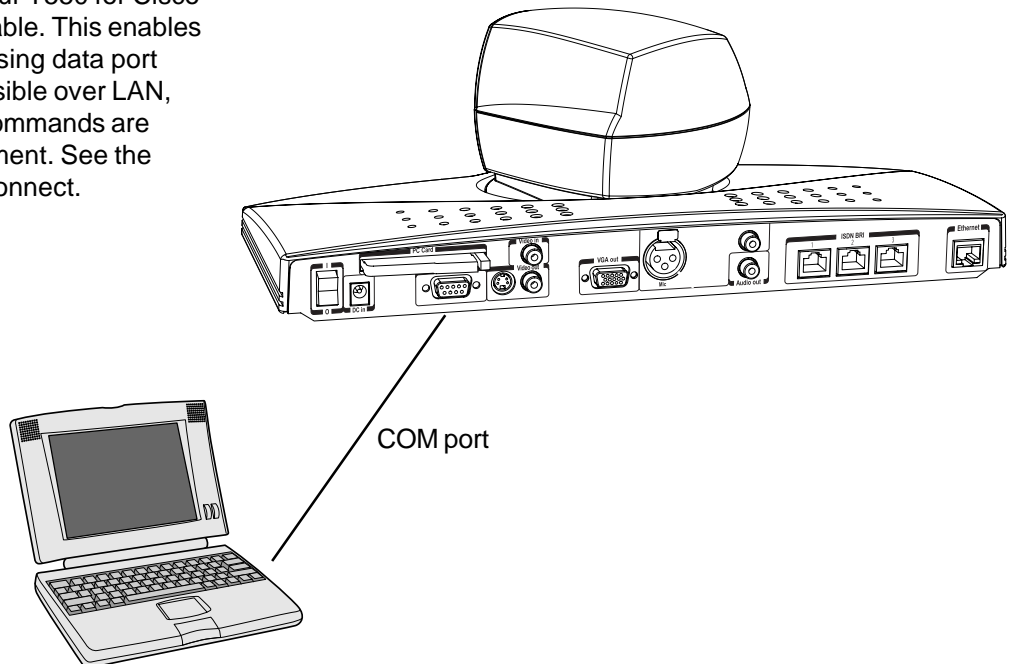
You can lock your system using a Kensington Lock. This is possible by connecting the Kensington Lock to the cooling grill on the back of the system (see drawing).



T550 for Cisco CallManager Peripheral Equipment

PC-interface (serial cable)

A PC can be connected to your T550 for Cisco CallManager using a serial cable. This enables you to interact with the unit using data port commands. (This is also possible over LAN, using telnet). The available commands are specified in a separate document. See the illustration below on how to connect.



Appendices

Appendix 1: IP Password

By setting an IP Password on your TANDBERG unit, all access to the system using IP (Telnet, FTP) requires a password. This password can be enabled from telnet or dataport using the command: `ippassword "<ip-password>"`.

To remove this password, use the command: `ippassword ""`. From telnet, this is only possible by first entering the correct password.

Appendix 2: Declaration of Conformity

EC DECLARATION OF CONFORMITY

MANUFACTURER: TANDBERG

TYPE NUMBER: TTC7-02

MODEL NUMBER: TANDBERG 1000

DESCRIPTION: Video Conferencing Unit

DIRECTIVES: LVD 73/23/EEC
This equipment EMC 89/336/EEC
complies with. R&TTE 99/5/EEC

HARMONISED STANDARDS: EN 60950 : 1992 A1/A2/A3/A4/A11
Applied in order to verify EN 55022 : 1994
compliance with directives. EN 61000-3-2 : 1995 A1/A2
EN 61000-3-3 : 1995
EN 55024 : 1998
CTR3 Layer 1, 2 and 3

TEST REPORTS/ CERTIFICATES ISSUED BY:	Report/Certificates No.:
LVD (Nemko AS)	200046205
EMC (Nemko AS)	200051122
R&TTE (Comlab)	2000/07254/3 2000/07254/4
R&TTE (BABT)	NC/000165

TECHNICAL CONSTRUCTION
FILE NO.: D12423

YEAR WHICH THE
CE-MARK WAS AFFIXED: 2001

TESTAUTHORISED
SIGNATORY

AUTHORISED REPRESENTATIVE

Date of issue

NAME: PETER H. KOGSTAD
TITLE: MANAGING DIRECTOR

16.01.2001

EC DECLARATION OF CONFORMITY

MANUFACTURER: TANDBERG

TYPE NUMBER: TTC7-05

MODEL NUMBER: TANDBERG 550

DESCRIPTION: Video Conferencing Unit

DIRECTIVES: LVD 73/23/EEC
This equipment EMC 89/336/EEC
complies with. R&TTE 99/5/EEC

HARMONISED STANDARDS: EN 60950 : 1992 A1/A2/A3/A4/A11
Applied in order to verify EN 55022 : 1994
compliance with directives. EN 61000-3-2 : 1995 A1/A2
EN 61000-3-3 : 1995
EN 55024 : 1998
CTR3 Layer 1, 2 and 3


TEST REPORTS/
CERTIFICATES ISSUED BY:

LVD	(Nemko AS)	Report/Certificates No.: 200141221 200207245
EMC	(Nemko AS)	200148249 rev. A
R&TTE	(Comlab)	2001/06601/4 2001/06601/3

TECHNICAL CONSTRUCTION
FILE NO.: D12821

YEAR WHICH THE
CE-MARK WAS AFFIXED: 2002

TESTAUTHORISED
SIGNATORY

AUTHORISED REPRESENTATIVE	Date of issue
 NAME : SVERRE KJENNE TITLE : PRESIDENT	19.02.2002

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